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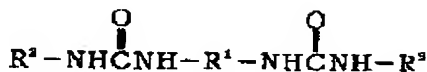
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(54) GREASE COMPOSITION FOR HIGH-SPEED ROLLING BEARING

(57)Abstract:

PURPOSE: To obtain a grease compsn. for a high-speed rolling bearing which has a long life and remarkably prolongs the life of a bearing by compounding a base oil contg. an alkyldiphenyl ether oil with a specific diurea compd. as a gelling agent.

CONSTITUTION: The compsn. is prepd. by compounding a base oil contg. an alkyldiphenyl ether oil with a gelling agent and other necessary ingredients. The gelling agent is a diurea compd. of the formula (wherein R1 is a 6-15C divalent arom. hydrocarbon group; and R2 and R3 are each a cyclohexyl, a 7-12C cyclohexyl deriv., or 8-20C alkyl group) and has a content of cyclohexyl (deriv.) group expressed by [(the number of cyclohexyl (deriv.) groups)/[the number of cyclohexyl (deriv.) groups + the number of alkyl groups] × 100 of 50-100%.



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